
1st QUARTER 1977 RESURVEY
REPORT OF SUBSIDENCE SURVEY
JACKPILE MINE
LAGUNA, NEW MEXICO

PREPARED BY
HARMON ENGINEERING SURVEYS
LAGUNA, NEW MEXICO

April 8, 1977

Confidential Claim Retracted

Authorized by: SL

Date: 9/26/13



9404344

ANACONDA SUBSIDENCE SURVEY

Jackpile Mine, Laguna, New Mexico

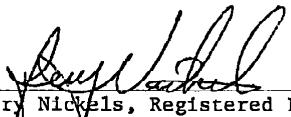
April 8, 1977

DELTA INITIAL SURVEY						
Station	North	East	N	E	Elevation	Delta Initial Survey
1N	1,001,855.895	990,225.710	+0.087	-0.010	6291.602	-0.002
2N	1,001,877.463	990,128.164	+0.080	-0.049	6288.515	-0.035
3N	1,001,899.020	990,030.608	+0.025	-0.010	6293.540	-0.057
4N	1,001,921.680	989,933.221	-0.041	-0.110	6303.724	-0.055
5N	1,001,941.993	989,835.641	+0.044	-0.012	6315.985	-0.094
6N	1,001,963.522	989,738.056	-0.041	+0.039	6313.775	-0.042
7N	1,001,984.998	989,640.851	-0.050	+0.034	6325.209	-0.045
8N	1,002,006.638	989,543.120	+0.064	-0.095	6333.134	+0.017
9N	1,002,029.704	989,446.049	-0.008	+0.069	6346.811	+0.004
10N	1,002,052.918	989,350.322	+0.014	-0.011	6356.428	+0.009
12S	1,001,883.669	989,413.305	+0.017	-0.008	6355.781	-0.009
13S	1,001,860.519	989,510.563	+0.002	-0.006	6349.488	+0.001
14S	1,001,838.892	989,608.146	-0.072	-0.010	6349.081	+0.015
15S	1,001,817.401	989,705.598	-0.061	+0.017	6329.345	-0.037
16S	1,001,795.912	989,803.007	+0.007	-0.056	6319.246	-0.033
17S	1,001,774.526	989,900.524	+0.063	-0.072	6317.509	-0.013
19S	1,001,731.325	990,095.743	-0.022	+0.089	6303.919	-0.005
20S	1,001,709.921	990,193.161	+0.104	-0.062	6297.442	+0.006
21E	1,002,413.860	988,801.641	-0.055	+0.009	6374.504	-0.048
22E	1,002,488.029	988,735.140	-0.040	-0.031	6374.371	-0.040
23E	1,002,567.946	988,675.110	-0.024	+0.008	6372.258	-0.020
25E	1,002,749.914	988,573.377	-0.018	+0.058	6375.045	-0.019
26E	1,002,831.028	988,532.272	+0.006	+0.056	6375.331	-0.013
27E	1,002,925.978	988,498.760	+0.010	+0.055	6362.641	-0.027
28W	1,002,820.788	988,322.425	+0.044	+0.027	6382.067	-0.011
29W	1,002,727.726	988,358.822	+0.054	+0.002	6389.719	+0.012
30W	1,002,637.284	988,401.344	+0.013	+0.002	6396.288	+0.015
31W	1,002,549.642	988,449.396	-0.004	-0.028	6390.180	+0.014
32W	1,002,465.349	988,503.130	+0.027	-0.002	6396.568	+0.004
33W	1,002,384.638	988,562.112	-0.043	-0.026	6397.537	+0.006
34W	1,002,302.950	988,626.170	-0.016	-0.005	6395.122	+0.008

CONFIDENTIAL

POL-EPA01-0005604

under my supervision and that the same is true and correct
to the best of my knowledge and belief.


Jerry Nickels, Registered Land
Surveyor, Certificate No. 6256



April 8, 1977



State of New Mexico
Environmental Improvement Agency

BACTERIOLOGICAL WATER REPORT

#64201

#6

Town JACK PILE Code # _____ County VALENCIA Code # 32-W
Date Collected 2/7/77 9:50 AM Collected By J. REYNOLDS
Location No. _____ Chlorinated YES ☐ NO ☐ Residual ☐
Owner of System ANACONDA COMPANY pH _____
Collection Point JACK PILE - NEW SHOP WELL
PUBLIC ☐ SEMI-PUBLIC ☐ PRIVATE ☒ SWIMMING POOL ☐ W.P.C. ☐ SPECIAL ☐
Stream/Lake Name _____
Sewage/Industrial Plant Name _____
River Basin: RIO GRANDE ☒ PECOS ☐ SAN JUAN ☐ GILA ☐ CANADIAN ☐
LITTLE COLORADO ☐ OTHER _____
SANITARY SURVEY COMPLETED— YES ☒ NO ☐
CHECK TEST REQUIRED: POTABILITY; COLIFORM GROUP, MEMBRANE FILTER ☒
STANDARD PLATE COUNT ☐ FECAL COLIFORM ☐ FECAL STREPTOCOCCI ☐
Re-Sample No. _____ Other _____

2/7/77 2832
Date Received Lab No.
12:30

RESULTS OF TESTS FOR COLIFORM GROUP

Volume	Presumption		Confirmed		Completed
	24 Hours	48 Hours	24 Hours	48 Hours	
10 ml.					
10 ml.					
10 ml.					
10 ml.					
10 ml.					

CONFORMS ☐ DOES NOT CONFORM ☒
WITH DRINKING WATER STANDARDS

Coliform Colonies (MF) _____ /100 ML.
Standard Plate Count, 35°C _____ /ML.
Fecal Coliform (MF) _____ /100 ML.
Fecal Streptococci (MF) _____ /100 ML.
Other _____

Date Reported 2-10-77 DM

SEND REPORT TO THE FOLLOWING (NAME & ADDRESS)

MR. TED BECK - MGR.
ANACONDA COMPANY
P.O. BOX 638
GRANTS, N.M. 87020

1. Please give full information to avoid delay in report. 2. Type or print with pencil or ball point pen. 3. See back of first copy for important information.
4. No sample shall be accepted until a sanitary survey by a representative of the Environmental Improvement Agency has been made and such sampling authorized.

EIA 005 Form Issued 11/73 (Replaces LAB 005)

RECEIVED

(over)

MAY 2 - 1977

#64201



State of New Mexico
Environmental Improvement Agency

U. S. Geological Survey Carlsbad, N.M. BACTERIOLOGICAL WATER REPORT

bauninc 0 200 A12

#5

Town JACK PILE Code # _____ County VALENCIA Code # 32-W
Date Collected 2/7/77 9:45 AM Collected By J. REYNOLDS
Location No. _____ Chlorinated YES ☐ NO ☐ Residual ☐
Owner of System ANACONDA COMPANY pH _____
Collection Point JACK PILE P-10
PUBLIC ☐ SEMI-PUBLIC ☐ PRIVATE ☒ SWIMMING POOL ☐ W.P.C. ☐ SPECIAL ☐
Stream/Lake Name _____
Sewage/Industrial Plant Name _____
River Basin: RIO GRANDE ☒ PECOS ☐ SAN JUAN ☐ GILA ☐ CANADIAN ☐
LITTLE COLORADO ☐ OTHER _____
SANITARY SURVEY COMPLETED— YES ☒ NO ☐
CHECK TEST REQUIRED: POTABILITY; COLIFORM GROUP, MEMBRANE FILTER ☒
STANDARD PLATE COUNT ☐ FECAL COLIFORM ☐ FECAL STREPTOCOCCI ☐
Re-Sample No. _____ Other _____

2/7/77 2881
Date Received Lab No.
12:30

RESULTS OF TESTS FOR COLIFORM GROUP

Volume	Presumption		Confirmed		Completed
	24 Hours	48 Hours	24 Hours	48 Hours	
10 ml.					
10 ml.					
10 ml.					
10 ml.					
10 ml.					

CONFORMS ☐ DOES NOT CONFORM ☒
WITH DRINKING WATER STANDARDS

Coliform Colonies (MF) _____ /100 ML.
Standard Plate Count, 35°C _____ /ML.
Fecal Coliform (MF) _____ /100 ML.
Fecal Streptococci (MF) _____ /100 ML.
Other _____

Date Reported 2-10-77

SEND REPORT TO THE FOLLOWING (NAME & ADDRESS)

MR. TED BECK - MANAGER
ANACONDA COMPANY
P.O. BOX 638
GRANTS, N.M. 87020

1. Please give full information to avoid delay in report. 2. Type or print with pencil or ball point pen. 3. See back of first copy for important information.
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EIA 005 Form Issued 11/73 (Replaces LAB 005)

(over)

CONFIDENTIAL

POL-EPA01-0005606

WATER ANALYSIS

U. S. Geological Survey
Carlsbad, N. M.

POL-EPA01-0005607

WATER PUMPED

1st QUARTER 1977

P-10 Well	1,002,000
New Shop Well	931,000
P-10 Mine	17,333,000

RECEIVED

MAY 2 - 1977

U. S. Geological Survey
Carlsbad, N. M.